REMARKS

Claims 2, 11, 20, 27 and 30 have been canceled without prejudice. Claims 1, 3, 9, 10, 12, 19, 21, 23, 26, 28, 29 and 31 have been amended. Claims 1, 3-10, 12-19, 21-26, 28-29 and 31-32 are currently pending.

The allowance of claims 23-25 is gratefully acknowledged.

First, claims 9, 26 and 32 have been amended to address the objections raised on page 2 of the Office Action.

Section 112

Claims 5, 14, 19, 23 and 26 stand rejected under 35 USC 112, second paragraph.

In response, claims 19, 23 and 26 have been amended by deleting the phrase starting with "implemented with ...".

Also, Applicant submits that the terms in claims 5 and 14 are well-known in the computer debugging art and do not need to be defined in the specification. For example, Applicant is attaching hereto a publication "Hitool for ARM" distributed by Micetek which shows the use of these terms in the context of debugging functions.

Thus, Applicant respectfully submits that all the pending claims meet all the requirements of 35 USC 112.

Substantive Rejections Based on USP 4,796,258 to Boyce ("Boyce")

Claims 1-9 stand rejected under 35 USC 102(b) as being anticipated by Boyce. Claims 10-22 and 26-32 stand rejected under 35 USC 103(a) as being unpatentable over Boyce and one or more secondary references. These rejections are respectfully traversed.
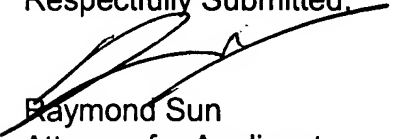
Independent claims 1, 10, 19, 26, 29 and 32 have all been amended to recite a debugger SR that parses the requests that are stored and issued by the debugger RAM. See paragraphs 30-41 (pages 4-5) of the specification. In contrast, Boyce does not teach or suggest a debugger service routine that parses requests that are stored and issued by a debugger RAM. Column 1, lines 55-57 of Boyce do not teach or remotely suggest these limitations.

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Thus, independent claims 1, 10, 19, 26, 29 and 32, and the claims depending therefrom, are submitted to be allowable over Boyce and the cited secondary references.

* * *

Thus, all pending claims are submitted to be in condition for allowance. However, if the Examiner believes that the claims are not ready to be allowed, the Examiner is encouraged to telephone the undersigned with any suggestions or proposed amendments that might place the application in condition for allowance.

Respectfully Submitted,

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CERTIFICATE OF MAILING

I hereby certify that this paper and its enclosures are being deposited with the United States Postal service as First Class Mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Date: January 17, 2007

By: Raymond Sun

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